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OBJECTIVE

Seeking a software engineering internship during the Summer of 2024 to gain industry experience, increase my industry knowledge, and hone my programming skills.

EDUCATION

Texas A&M University, College Station, Texas
Bachelor of Science in Computer Science

Graduation: May 2025
GPA: 3.83/4.0

EXPERIENCE

Lockheed Martin RMS, Syracuse, New York
Software Engineering Intern, Secret Clearance

May 2023 – Present

- Met and discussed with numerous Software and System Engineers to design a seamless user interface and data retrieval tool for components using C++, Bash, and Excel.
- Created a release plan with time frames for each stage of development and estimated completion time.

Texas A&M College of Engineering, College Station, Texas
Engineering Peer Teacher

August 2022 – December 2022

- Ensured academic success for over 40 students by guiding them through basic python topics, code implementations, and course assignments.
- Responsible for grading over 50 assignments per week while providing targeted feedback to students.

SEC Directed Internship (MathWorks), Remote
Project Design Intern

May 2022 - August 2022

- Collaborated to design a solution that would prevent flooding and minimize hazards due to rising sea levels.
- Developed a script through MATLAB using over 1 million data points to allow users to input a future date and receive an approximation of the rise in sea level.
- Established a financial plan based on similar projects while showcasing a potential timeline for the construction and development of wetlands.

PROJECTS

Chemistry Guide

August 2022 - December 2022

- Created a chemistry guide using Markdown files, Docusaurus, and GitHub repositories to serve as a resource for students taking related courses.
- Outlined the process required to build and maintain guides for contributors.

Portfolio Website

October 2021 – Present

- Designed and developed a website using HTML5 and CSS hosted through GitHub Pages.
- Used Bootstrap to ensure the website would be viewed properly on varying screen sizes.

EXTRACURRICULAR

Society of Hispanic Professional Engineers, College Station, Texas
Director of Technical Affairs

August 2021 – Present

- Utilized JavaScript to maintain and update an Automated Point Sheet responsible for calculating membership points of 300+ members within the organization.
- Assisted students through the maintenance and development of online guides such as a chemistry and C++ guide.
- Introduced members to fundamental front-end web development through weekly meetings consisting of relevant programming examples and applications.

SKILLS

C++ | Java | Python | Git | JavaScript | HTML5 | CSS | Bootstrap | Microsoft Excel and Word | Bilingual (Spanish)